



State of Illinois

ENVIRONMENTAL PROTECTION AGENCY

IL 145-1-7297

Mary A. Gade, Director

217/524-1097

November 14, 1995

2200 Churchill Road, Springfield, IL 62794-9276

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REGULATION DEVELOPMENT BRANCH
U.S. EPA, REGION V

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AIR AND RADIATION DIVISION
U.S. EPA, REGION V

Re: Submittal to Address the Conditional Approval of the McCook,
Lake Calumet, and Granite City PM10 Nonattainment Areas:
Amendments to 35 Ill. Adm. Code Parts 211 and 212

David Kee, Director
Air and Radiation Branch
USEPA - Region V
77 West Jackson Blvd.
Chicago, Illinois 60604

Attn: Jay Bortzer

Dear Mr. Kee:

The attached documents from the Illinois Environmental Protection Agency ("Agency") respond to USEPA's conditional approval of the McCook, Lake Calumet, and Granite City PM10 SIP. The rule revisions are amendments to 35 Ill. Adm. Code Parts 211 and 212.

We will continue to work closely with your staff regarding this submittal.

Cordially,

Bharat Mathur

Bharat Mathur, Chief
Bureau of Air

Attachments

copy { Ackman
original to
Bortzer

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF:)	
)	
VISIBLE AND PARTICULATE MATTER)	R96-
EMISSIONS - CONDITIONAL APPROVAL)	(Rulemaking)
AND CLEAN UP: AMENDMENTS)	
TO 35 ILL. ADM. CODE PARTS 211 AND 212)	

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7. First Notice Form for 35 Ill. Adm. Code 211
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 - (a) Five (5) One-Sided Copies for the Secretary of State
 - (b) Ten (10) Paginated Copies of the Proposed Amendments
9. First Notice Form for 35 Ill. Adm. Code 212
10. Proposed Amendments to Part 212
 - (a) Five (5) One-Sided Copies for the Secretary of State
 - (b) Ten (10) Paginated Copies of the Proposed Amendments

11. Technical Support Document

12. Exhibits:

Exhibit 1: USEPA's Conditional Approval (59 FR 59653-56 (Nov. 18, 1994))

Exhibit 2: September 29, 1995 letter from Robert Sistek to Dennis Lawler

Exhibit 3: Basic Oxygen Furnace Opacity Limits: Other States

- (a) Mich. Admin. Code Part 3. Emission Limitations Prohibitions -- Particulate Matter: 336.1287 et. seq. (1994)
- (b) Ind. Reg. Vol. 16, Number 10 (July 1, 1993)
- (c) Ohio Admin. Code Section 3745-17-07 (June 14, 1991)

Exhibit 4: Spectrulite Consortium Variance Hearing Transcript (PCB 96-6, p. 16, (September 20, 1995))

Exhibit 5: Outreach Meetings

- (a) December 8, 1993
- (b) February 10, 1994
- (c) July 26, 1994

13. Incorporations By Reference

- (a) 40 CFR part Appendix M (1994)

14. Documents Relied Upon (Note an asterisk (*) indicates documents that the Agency has provided for the Board in this proposal packet.)

- (a) The Clean Air Act as amended in 1990 (42 U.S.C. §7401 et seq.)
- * (b) 52 FR 24660 (July 1, 1987)
- * (c) 40 CFR 50.6
- * (d) 40 CFR 60.142a(a)(1)

15. Disk in Word Perfect 5.1/5.2 containing:

- (a) Agency's Analysis of Economic and Budgetary Effects (Analysis.211)
- (b) Agency's Analysis of Economic and Budgetary Effects (Analysis.212)
- (c) First Notice Form for 35 Ill. Adm. Code 211 (first.211)
- (d) Proposed Amendments to Part 211 (PM10.211)
- (e) First Notice Form for 35 Ill. Adm. Code 212 (first.212)
- (f) Proposed Amendments to Part 212 (PM10.212)
- (g) Proposed Amendments to Part 212. Illustrations (PAPM10.ILL)
- (h) Service List (service.212)

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF:

VISIBLE AND PARTICULATE MATTER
EMISSIONS - CONDITIONAL APPROVAL
AND CLEAN UP: AMENDMENTS
TO 35 ILL. ADM. CODE PARTS 211 AND 212

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) R96-
) (Rulemaking)
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NOTICE

TO: Dorothy Gunn, Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601

Claire Manning
Illinois Pollution Control Board
Medical Society Bldg.
600 So. 2nd, Suite 402
Springfield, Illinois 62704

G. Tanner Girard
110 S. State
Jerseyville, Illinois 62052


Ronald C. Flemal
P.O. Box 505
DeKalb, Illinois 60115

SEE ATTACHED SERVICE LIST

PLEASE TAKE NOTICE that I have today filed with the Office of the Clerk of the Pollution Control Board the AGENCY REGULATORY PROPOSAL FOR VISIBLE AND PARTICULATE MATTER - CONDITIONAL APPROVAL AND CLEAN-UP: AMENDMENTS TO 35 ILL. ADM. CODE PARTS 211 AND 212 of the Illinois Environmental Protection Agency and I have filed partial copies of the regulatory proposal with G. Tanner Girard in Jerseyville, Claire Manning in Springfield and Ronald C. Flemal in DeKalb.

ENVIRONMENTAL PROTECTION AGENCY
OF THE STATE OF ILLINOIS

By:


Rachel L. Doctors
Assistant Counsel
Division of Legal Counsel

DATED: November 13, 1995

P.O. Box 19276
Springfield, Illinois 62794-9276
217/524-3333

**THIS FILING IS SUBMITTED
ON RECYCLED PAPER**

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BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF:

VISIBLE AND PARTICULATE MATTER
EMISSIONS - CONDITIONAL APPROVAL
AND CLEAN UP: AMENDMENTS
TO 35 ILL. ADM. CODE PARTS 211 AND 212

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) R96-
) (Rulemaking)
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A P P E A R A N C E

The undersigned, as one of its attorneys, hereby enters an Appearance on behalf of the Proponent, the Illinois Environmental Protection Agency.

ENVIRONMENTAL PROTECTION AGENCY
OF THE STATE OF ILLINOIS

By:



Rachel L. Doctors
Assistant Counsel
Division of Legal Counsel

DATED: November 13, 1995

P.O. Box 19276
Springfield, Illinois 62794-9276
217/524-3333

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BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF:

VISIBLE AND PARTICULATE MATTER
EMISSIONS - CONDITIONAL APPROVAL
AND CLEAN UP: AMENDMENTS
TO 35 ILL. ADM. CODE PARTS 211 AND 212

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R96-
(Rulemaking)

IEPA PROPOSAL OF REGULATIONS

The Illinois Environmental Protection Agency moves that the Illinois Pollution Control Board adopt the attached regulations.

Respectfully submitted,

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: Mary A. Gade
Mary A. Gade
Director

DATED: November 13, 1995

P.O. Box 19276
Springfield, Illinois 62794-9276
217/524-3333

THIS FILING IS SUBMITTED
ON RECYCLED PAPER

ILLINOIS REGISTER

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Agency Analysis of Economic and
Budgetary Effects of Proposed Rulemaking

Agency: Illinois Environmental Protection Agency

Part/Title: 35 ILL. ADM. CODE PART 212: VISIBLE AND
PARTICULATE MATTER EMISSIONS

Illinois Register Citation: III. Reg. _____

Please attempt to provide as dollar-specific responses as possible
and feel free to add any relevant explanation.

1. Anticipated effect on State expenditures and revenues.

- (a) Current cost to the agency for this program/activity. \$
No incremental cost
- (b) If this rulemaking will result in an increase or decrease
in cost, specify the fiscal year in which this change
will first occur and the dollar amount of the effect. FY
_____ \$ N/A
- (c) Indicate the funding source, including Fund and
appropriation lines, for this program/activity. N/A
- (d) If an increase or decrease in the costs of another State
agency is anticipated, specify the fiscal year in which
this change will first occur and the estimated dollar
amount of the effect. FY _____ \$ _____ Agency N/A

- (e) Will this rulemaking have any effect on State revenues or
expenditures not already indicated above? Specify
effects and amounts. Possible increase in state revenue
due to increased revenue and wages at the affected
facility. Increased total revenue of \$15 million/year
predicted.

2. Economic effect on persons affected by the rulemaking.

- (a) Indicate the economic effect and specify the persons
affected:
Positive X Negative _____ No effect _____
Persons affected 1 facility
Dollar amount per person \$ (see below)
Total Statewide cost \$(1) savings of \$748,800/year on

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POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

startup costs; and (2) Increased revenue of \$15 million/year due to increased production capacity.

- (b) If an economic effect is predicted, please briefly describe how the effect will occur. (Example: Additional continuing education courses will require expenditures for course fees.) (1) Decreased startup costs for existing production line; and (2) Increased production capacity with the opening of a new line.
- (c) Will the rulemaking have an indirect effect that may result in increased administrative costs? Will there be any change in requirements such as filing, documentation, reporting or completion of forms? Compare to current requirements. No effect

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POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Agency Analysis of Economic and
Budgetary Effects of Proposed Rulemaking

Agency: Illinois Environmental Protection Agency

Part/Title: 35 ILL. ADM. CODE PART 211: DEFINITIONS AND
GENERAL PROVISIONS

Illinois Register Citation: III. Reg. _____

Please attempt to provide as dollar-specific responses as possible
and feel free to add any relevant explanation.

1. Anticipated effect on State expenditures and revenues.

- (a) Current cost to the agency for this program/activity. \$
No incremental cost
- (b) If this rulemaking will result in an increase or decrease
in cost, specify the fiscal year in which this change
will first occur and the dollar amount of the effect. FY
\$ N/A
- (c) Indicate the funding source, including Fund and
appropriation lines, for this program/activity.
- (d) If an increase or decrease in the costs of another State
agency is anticipated, specify the fiscal year in which
this change will first occur and the estimated dollar
amount of the effect. FY \$ Agency
N/A
- (e) Will this rulemaking have any effect on State revenues or
expenditures not already indicated above? Specify
effects and amounts. N/A

2. Economic effect on persons affected by the rulemaking.

- (a) Indicate the economic effect and specify the persons
affected:
Positive Negative No effect X
Persons affected 1 facility
Dollar amount per person \$ None
Total Statewide cost \$ None

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POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

- (b) If an economic effect is predicted, please briefly describe how the effect will occur. (Example: Additional continuing education courses will require expenditures for course fees.) No Effect
- (c) Will the rulemaking have an indirect effect that may result in increased administrative costs? Will there be any change in requirements such as filing, documentation, reporting or completion of forms? Compare to current requirements. No Effect

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

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VISIBLE AND PARTICULATE MATTER)	R 96-
EMISSIONS - CONDITIONAL APPROVAL)	(Rulemaking)
AND CLEAN-UP: AMENDMENTS TO)	
35 ILL. ADM. CODE PARTS 211 AND 212)	

STATEMENT OF REASONS

The Illinois Environmental Protection Agency ("Agency") hereby submits this Statement of Reasons to the Illinois Pollution Control Board ("Board") pursuant to Sections 27 and 28.5 of the Environmental Protection Act ("Act") (415 ILCS 5/27 and 28.5) and 35 Ill. Adm. Code 102.121(b) in support of the attached proposal of regulations. Included in this proposal are amendments to 35 Ill. Adm. Code Parts 211 and 212.

I. INTRODUCTION

Section 189(a) of the Clean Air Act ("CAA") (42 U.S.C. 7513a(a)) requires all areas classified as a moderate nonattainment area ("NAA") for PM-10 (hereinafter defined) to submit a state implementation plan ("SIP") providing for attainment and implementing reasonably available control measures ("RACM"). PM-10 is defined as "particulate matter with an aerodynamic diameter less than or equal to a nominal ten micrometers, as measured by the applicable test methods specified by rule." (35 Ill. Adm. Code 211.4770) On November 15, 1990, the United States Environmental Protection Agency ("USEPA") designated, by operation of law, Lake Calumet and McCook areas in Cook County, and Granite City area in Madison County as nonattainment for PM-10. These areas are more completely described at 35 Ill. Adm. Code 212.324(a)(1).

On May 15, 1992, Illinois submitted a SIP revision that included specific control

measures for PM-10 sources in the above areas. The USEPA conditionally approved the State's PM-10 SIP on November 18, 1994 (Ex. 1). Pursuant to USEPA's conditional approval, the following four issues need to be addressed through a rulemaking: 1) a 20 percent opacity limit on uncaptured particulate matter emissions from a basic oxygen furnace (BOF) shop; 2) a 30 percent opacity limit on coke oven combustion stacks; 3) a 20 percent opacity limit on the roof ventilators for certain electric arc furnaces; and 4) two amendments to clarify wording. Under the CAA, Illinois is given 12 months to address these issues or the conditional approval becomes a partial disapproval and sanctions will apply within 18 months of the conditional approval.

In addition to addressing USEPA's concerns, the Agency is also proposing other minor amendments to eliminate duplicative or obsolete sections, update the language consistent with Illinois' Clean Air Act Permit Program ("CAAPP"), clarify rules, address the Office of the Secretary of State's recommended style, and amend the limitations pertaining to a certain magnesium plant.

II. SECTION 28.5 OF THE ENVIRONMENTAL PROTECTION ACT

This regulatory proposal is properly submitted to the Board pursuant to Section 28.5 of the Act as a fast-track rulemaking proceeding. A fast-track rulemaking is a proceeding to promulgate a rule that the CAA requires to be adopted before December 31, 1996. For purposes of this Section, "requires to be adopted" refers only to those regulations or parts of regulations for which the USEPA is empowered to impose sanctions against the State for failure to adopt such rules. (415 ILCS 5/28.5(c) (1995)).

Section 189 of the CAA required states to submit a SIP for PM-10 nonattainment areas within one year of enactment, or by November 15, 1991. Illinois submitted its SIP on May 15, 1992. On November 18, 1994, USEPA conditionally approved Illinois' SIP for

PM-10 nonattainment areas pursuant to Section 110(k)(4) of the CAA and gave the State 12 months (November 18, 1995) to correct the deficiencies before USEPA's conditional approval will be treated as a partial disapproval dated back to the date of USEPA's original action with 18 months (May 18, 1996) until sanctions apply. Under such circumstances, USEPA is mandated to impose sanctions under Section 179(a) of the CAA.

Delay in adopting the proposed rules will result in sanctions specified by the CAA. Section 179(a)(3)(A) of the CAA provides that a non-complying state may be subject to one of two available sanctions: the withholding of highway funds pursuant to Section 179(b)(1) or the imposition of at least a 2:1 offset requirement on new and modified sources or emission units for which a permit is required under Part D of the CAA (New Source Review). However, should the Administrator find the state lacking in good faith in working towards compliance, both sanctions shall apply until such time as the state achieves compliance. (Section 179(a) of the CAA).

For these reasons, this rulemaking properly appears before the Board pursuant to Section 28.5 of the Act.

III. GEOGRAPHIC AREAS AND INDUSTRIES AFFECTED

The major changes to this rule will affect steel sources located in the McCook and Lake Calumet areas in Cook County, and the Granite City area in Madison County, and a steel foundry and an aluminum and magnesium source located in the Granite City area. These three moderate PM-10 nonattainment areas are described in 35 Ill. Adm. Code 212.324(a)(1). The proposal also includes amendments that will apply statewide but will not change the application or effect of regulations previously adopted.

IV. PURPOSE AND EFFECT OF PROPOSAL

This proposal has been prepared to address the four concerns identified by USEPA in its conditional approval of Illinois' SIP plus additional minor amendments to clean-up the rules. The first concern identified by USEPA is that Illinois has underestimated the uncaptured emissions from the BOF shop at a steel source located in Granite City when it indicates that a 30 percent opacity for these emission units is equivalent to the amount of emissions used in the model to demonstrate attainment with the national ambient air quality standard ("NAAQS") for PM-10. The Agency is proposing a 20 percent opacity limit for the roof monitor and other building openings at the BOF shop at Granite City Steel, which correlates more accurately with the emissions estimate used in the attainment demonstration (TSD p. 2) . A 20% opacity limit is also consistent with the opacity limit selected by the nearby States of Indiana, Michigan, and Ohio for BOFs in their states (Ex. 3). Compliance with this new limit will be shown using Method 9, as contained in 40 CFR part 60, except that the averaging time will be three minutes instead of six. The Agency is proposing a shorter averaging time to reflect that some of the BOF operations in question do not last for six minutes. In addition, Granite City Steel has agreed to a more stringent limit of 60 pounds per hour of PM-10 and a new rate based limit of 0.225 pounds of PM-10 per ton of steel produced for the BOF stack. The Agency is proposing that these new requirements replace the provisions in Section 212.446(a) which refer back to Sections 212.321 and 212.322 (TSD p.3).

The second concern identified by USEPA was that the lack of an opacity limit for coke oven combustion stacks would delay any potential enforcement and, therefore, early correction. Performance of a stack test is much more costly and time consuming than taking an opacity reading (TSD p. 3); therefore, the Agency is proposing that the general opacity limit of 30 percent apply to these sources. Affected sources have indicated that

they can meet this opacity limit except when one of the ovens needs to be repaired and is taken off-line for ceramic welding (TSD p. 4). Hence, the Agency is proposing that 30 percent opacity not apply during repair periods. The exemption from the opacity limit is limited to three hours per oven repaired.

The third concern raised by USEPA is that the roof monitors for the electric arc furnaces at the steel foundry located in Granite City are too short to accommodate stack testing equipment and cannot be easily altered to do so. Therefore, it is not possible to readily test whether the emissions from the ventilators are in compliance with the mass emission limit (TSD p. 5). A 20 percent opacity limit for these monitors is equivalent to the mass emission limit at this source. Further, a 20% opacity is being applied to the entire foundry because several other stacks may also be too short for testing. The Agency is proposing to amend Section 212.458(b)(16) to include this limit.

USEPA also had three other clarification concerns. Firstly, the language in Section 212.107 concerning the measurement of visible emissions is confusing. Secondly, the language in Section 212.110 not only duplicates the provisions in Sections 212.107, 212.108, and 212.109, but also contains minor inconsistencies. And thirdly, the language in Sections 212.324(d), 212.362(c), 212.425(c), 212.458(c), and 212.464(c) could be read to exempt sources with no visible emissions from any stack testing. Although this was never anyone's understanding or the State's intent, USEPA expressed concerns that the exemption could be used as a defense to a finding of violation pursuant to a stack test.

The proposal clarifies the language in Section 212.107, and eliminates the duplication in Sections 212.107, 212.108, and 212.109. Further, all Sections in Part 212 that contain the exemption for visible emissions have been amended to state that if a stack test is performed, the lack of visible emissions at the time the stack test is performed is not a defense should that stack test identify a violation. However, this amendment will

preserve the intent of the exemption that sources with no visible emissions will not be required to conduct a stack test unless the test is required to fulfill other requirements (e.g., CAAPP requirements or regular cycle of testing).

The Agency is also proposing to make eleven types of minor changes. First, the proposal updates definitions. Part 212 uses the words "emission source" and "facility". The CAAPP program calls these entities emission units and sources, respectively. Second, the test methods in Section 212.113 (Incorporations by Reference) have been updated to reflect the latest test methods adopted by USEPA. Third, definitions that concern incinerators have been moved to Part 211 where almost all other definitions for 35 Ill. Adm. Code Subtitle B appear. Fourth, the word "new" has been used to denote "after 1972" or, in the case of grain sources, "after 1975", as this is over 20 years ago, and it is more appropriate and less confusing to simply state the applicable date. Correspondingly, the word "existing" has been used to refer to prior periods. These words have been replaced with the dates that they represented, and the corresponding definitions have been deleted from 35 Ill. Adm. Code Part 211.

Fifth, the definition for opacity has been clarified to reflect that Method 9, using Illinois' data reduction method, is the method that is used to determine opacity except when another method has been specified. Sixth, the language in Section 212.302(a) has been clarified to more clearly state what is exempted. Seventh, citations to the Illinois Revised Statutes (Ill. Rev. Stat.) are changed to the Illinois Compiled Statutes ("ILCS"). Eighth, references to "above" and "below" have been changed to "of this Section" and where another Section is referred to in a Section the phrase "of this Subpart" or "of this Part" has been added. Ninth, the Agency is proposing that three Sections be repealed because they are either obsolete, expired or have been voided by a previous amendment. Tenth, the compliance date for Sections 212.210(b), 212.302(c), 212.309(b), 212.316(h),

212.324(h), 212.362(e), 212.425(e), and 212.464(e) is December 10, 1993, or within one year of the adoption of R92-22, whichever date was later. The rule was effective May 11, 1992; therefore, the compliance date was May 11, 1993. However, when the above sections are amended in this subsequent rulemaking the earlier compliance date of May 11, 1993, now that it is known, needs to be included so as to maintain the correct compliance date. In addition, these sections have been amended to clarify that newly affected emission units must also comply with the requirements contained in these sections.

Finally, a company that was subject to a limitation on the number of magnesium pot furnace lines it could operate simultaneously indicated that the Agency had incorrectly estimated its stack parameters in the inventory. The Agency rechecked its inventory and found that the stack parameters had been incorrectly estimated; and therefore, the operation of two magnesium furnace pot lines does not represent an increase in modeled PM-10 emissions (TSD p.5). The company has filed a variance request in PCB 96-6 to begin running two lines as of July 1995. The Agency recommended that the variance be granted. This amendment proposes to make the conditions of the variance permanent.

The Agency is also proposing that the changes be made to 35 Ill. Adm. Code 211, e.g., the definitions for existing grain-handling be deleted and the definition for opacity be clarified because of the proposed amendments to 35 Ill. Adm. Code 212.

V. TECHNICAL FEASIBILITY AND ECONOMIC REASONABLENESS

A. OPACITY LIMITS AT STEEL SOURCES

The Agency is proposing a 20 percent opacity limit for the uncaptured emissions from the roof monitors and any other openings at the BOF shop at Granite City Steel. Granite City Steel has agreed to this lower opacity limit in its most recent proposed construction permit (TSD p. 3). In addition, this level is consistent with the limit imposed on BOFs in Indiana, Michigan, and

Ohio (Ex. 3). The affected source is not expected to need to install additional controls beyond those currently planned to meet this new limit.

The Agency is proposing a 30 percent opacity limit for coke oven combustion stacks. Affected sources have indicated that they can meet this level of control except when an oven is taken off-line for repair (TSD p. 4). This level of control is as stringent as the level of control required by Indiana, Michigan, and Ohio for these types of sources. The affected sources have indicated that they will not need to invest in additional control equipment in order to meet this limit, so long as the coke oven battery is exempt from the limit during repair periods. The exemption is limited to 3 hours per oven repaired.

B. AMENDMENT TO RULE FOR MAGNESIUM AND ALUMINUM SOURCE

In addition, for the magnesium and aluminum source in Granite City, the Agency is proposing to make the conditions in the variance permanent. Allowing the operation of two magnesium pot lines at one time is expected to result in a cost savings for the affected company (Ex. 4).

The other changes proposed in this rulemaking will not change the substance of the rule and, therefore, will have no economic impact.

VI. COMMUNICATION WITH INTERESTED PARTIES

The Agency met with the representatives of the Steel Industry on February 10, 1994, July 26, 1994, and August 22, 1995, with American Steel Foundries on December 8, 1993, March 11, 1994, and April 14, 1994, and with the magnesium and aluminum

source, Spectrulite Consortium, on May 12, 1994 (Ex. 5). The general reaction of those affected by the proposal has been that the proposed rules are technically feasible and economically reasonable.

The Agency staff have also discussed this proposal with USEPA's Region V staff in Chicago, who have told us that they believe the proposal is approvable.

VII. THE AGENCY'S PROPOSAL

The proposed rules amend 35 Ill. Adm. Code Parts 211 and 212. Part 211 is entitled: "Definition and General Provisions". Part 212 is entitled: "Visible and Particulate Matter Emissions". Part 212, Subparts A and R, contain the major amendments. Below is a brief description of the amendments to these parts.

A. Part 211: Definitions and General Provisions

1. Subpart A: General Provisions: Section 211.101: Incorporations By Reference

The Agency proposes to repeal subsection (b) to clarify that Method 9, rather than the Ringelmann Chart, is used to determine opacity.

2. Subpart B: Definitions

The Agency is proposing to move three definitions concerning animal incinerators from Section 212.185(a) of this Part, consistent with the format of 35 Ill. Adm. Code Subtitle B, to new Sections 211.484, 211.485, and 211.1465.

The Agency is proposing to repeal four definitions that concern existing and new grain-drying and handling operations because the language has been clarified in Part 212 so as to make the definitions in Sections 211.2110, 211.2130, 211.3990, and 211.4010 unnecessary.

The Agency is proposing to repeal subsection (a) of Section 211.4130, the definition for opacity. As explained above, Method 9 rather than the Ringelmann Chart is used to determine opacity. Further, the more general definition for opacity contained in subsection (b) is a better description of what opacity is.

B. Part 212: Visible and Particulate Matter Emissions

1. Subpart A: General Provisions

The Agency is proposing both substantive changes and nonsubstantive changes to this Part. Nonsubstantive proposals include replacing "emission source" with "emission unit", "facility" with "source", "visual" with "visible", adding "of this Section", "of this Subpart" or "of this Part", where applicable, or using abbreviations instead of spelling out the entire word.

Substantive changes are proposed to Sections 212.107, 212.108, 212.109, 212.110, and 212.113. The first three Sections include the changes recommended by USEPA in its conditional approval (Ex. 1). Proposed amendments to Section 212.107 clarify that Method 22, as contained 40 CFR Part 60, Appendix A, is only to be used to detect visible emissions. Proposed amendments to Section 212.108, "Measurement Methods for PM-10", add the test method for condensible PM-10, and delete corresponding subsections (e) and (f) of Section 212.110. Section 212.110(e) is the same as Section 212.108(a), and Section 212.110(f) is the same as Section 212.108(b). Similarly, the proposal moves the test method "40 CFR 60.675 (c) and (d)" from Section 212.110(c) to Section 212.109, "Measurement Methods of Opacity".

The Agency is proposing to delete subsection (a) in Section 212.113, Incorporations by Reference, consistent with the proposal for the definition of opacity. Further, the test methods have been updated consistent with USEPA's latest guidance.

2. Subpart B: Visible Emissions

As discussed above, the Agency is proposing to repeal all Sections and subsections that reference the Ringelmann Chart. This includes Sections 212.113(a) and 212.121. In addition, the Agency is proposing to eliminate duplicative language. In some Sections a reference is made to Sections 212.122 and 212.123. However, all such sources are already subject to one or the other of these sections, and it serves no purpose to repeat it in every subsection. Where the word "new" appears, the Agency, for the reasons discussed above, is proposing to replace it with the phrase "for which construction or modification commenced on or after April 14, 1972". The proposal also amends Section 212.125(a) to reference the appropriate Section for determining an applicable test method.

3. Subpart D: Particulate Matter Emissions from Incinerators

For the reasons discussed in Section VII.A above the Agency is proposing to delete subsection (a) in Section 212.185.

4. Subpart E: Particulate Matter Emissions from Combustion Emission Units

As discussed above, where the word "existing" is used, it has replaced with the phrase "for which construction or modification commenced prior to April 14, 1972". In addition, the Agency is proposing to repeal Section 212.209, Village of Winnetka Generating Station, because this Section was limited to a specific time period which has expired. Finally, the

Agency is proposing to state that the compliance date is May 11, 1993, in Section 212.210(b).

5. Subpart K: Fugitive Particulate Matter

In addition to the general nonsubstantive changes that have been described above, the Agency is proposing three specific changes to this Subpart. First, in Section 212.302, the proposal moves the exemption from the beginning of the subsection to the middle, next to the phrase it modifies. Second, the Agency is proposing to state that the compliance date is May 11, 1993, in Sections 212.302(c), 212.309(b), 212.316(h). Third, Section 212.315, "Covering of Vehicles", requiring that certain vehicles when traveling on roadways be covered is no longer applicable, as Section 10(E) of the Act made it null and void. The Agency is proposing that this Section be repealed.

6. Subparts L, N, O, Q, R, AND S

In addition to the types of changes noted above, the Agency is proposing to clarify that if a stack test is performed and the test demonstrates the emission unit is not in compliance, it is not a defense to a violation of a mass emission limit that at the time the test was performed there were no visible emissions. This clarification appears in Sections 212.324(d), 212.362(c), 212.425(c), 212.458(c), and 212.464(c). The Agency is also proposing to state that the compliance date is May 11, 1993, in Sections 212.324(h), 212.362(e), 212.425(e), and 212.464(e).

7. Subpart R: Primary and Fabricated Metal Products and Machinery Manufacture

In addition to the types of changes described above, the Agency is proposing

four changes to this Section.

A. Section 212.443(g): Coke Plants

The Agency is proposing to reinstate the general 30 percent opacity limit for coke oven combustion stacks except during periods when the oven is being repaired; however, the exemption is limited to 3 hours per coke oven repaired.

B. Section 212.446: Basic Oxygen Furnaces (BOFs)

In subsection (a), the Agency is proposing that the new mass emission limits at Granite City Steel's BOFs take the place of the requirements of Sections 212.321 and 212.322. The new mass emission limits appear in Section 212.458(b)(23).

In subsection (c), the Agency is proposing to lower the opacity for uncaptured particulate matter emissions from the roof monitor and other building openings at the BOF shop at Granite City Steel from 30 percent to 20 percent. Compliance will be determined using Method 9, as contained in 40 CFR part 60, except that any 12, instead of 24, consecutive observations taken at 15 second intervals will be used. In addition, compliance will be required by February 1, 1996.

C. Section 212.458(b)(16), (b)(23), (b)(24), and (b)(25): Emission Units in Certain Areas

The Agency is proposing three changes to this Section. The first affects the steel foundry plant in Granite City. A 20 percent opacity limitation will apply plant-wide and the mass emission limit will no longer apply to the electric arc shop roof monitors (Section 212.458(b)(16)). Secondly, the Agency is proposing to tighten the

pounds per hour PM-10 emission limit and add a rate based pounds per ton limit on steel produced on the BOF stack at Granite City Steel. The lbs/hr limit will be 60 and the new rate based limit on lbs/T of steel produced will be 0.225 (Section 212.458(b)(23)). Thirdly, the Agency is proposing to allow the secondary aluminum smelting and refinery plant located in the Granite City vicinity to operate two magnesium pot furnaces at one time (Section 212.458(b)(25)). The language in Section 212.458(b)(24) has been amended to be consistent with this change.

8. Subpart R: Grain-Handling and Drying

The Agency is proposing two changes to the Subpart. Where the word "existing" in connection with grain-handling or grain-drying appears, it is replaced by the phrase "for which construction or modification commenced prior to June 30, 1975", and where the word "new" appears, it is replaced by the phrase "for which construction or modification commenced on or after June 30, 1975".

9. Illustrations A, B, and C

The Agency is proposing to delete Illustrations A, B, and C because the formula contained in Sections 212.202, 212.321, and 212.322, is the method that the Agency uses for determining compliance.

VIII. CONCLUSION

The Agency's proposal has been prepared to correct the deficiencies noted by USEPA in its conditional approval of Illinois' PM-10 SIP. The proposal also includes minor amendments that update language and repeal obsolete Sections.


The proposal has been discussed in detail with the representatives of affected

sources. Furthermore, the Agency has spoken with representatives of USEPA Region V who have indicated that the proposal incorporates needed changes for approval of Illinois' PM-10 SIP.

Finally, the Agency's proposal is technically and economically reasonable.

WHEREFORE, for the reasons stated above, the Agency hereby submits this regulatory proposal and requests the Board to adopt these rules for the State of Illinois.

Respectfully submitted,
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: 

Rachel Doctors
Assistant Counsel
Division of Legal Counsel

DATED: November 13 1995

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Springfield, Illinois 62794-9276
217/524-3333

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ILLINOIS REGISTER

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

- 1) Heading of the Part: Definitions and General Provisions
- 2) Code Citation: 35 Ill. Adm. Code 211
- 3) Section Numbers: Proposed Action:

211.101	Amended
211.484	New
211.485	New
211.1465	New
211.2110	Repealed
211.2130	Repealed
211.3990	Repealed
211.4010	Repealed
211.4130	Amended
- 4) Statutory Authority:

415 ILCS 5/27 and 28.5
- 5) A Complete Description of the Subjects and Issues Involved:

The proposed revisions to 35 Ill. Adm. Code 211 are consistent with proposed amendments to Part 212 updating regulations. This proposal is part of a rulemaking that addresses USEPA's conditional approval of Illinois' PM-10 state implementation plan ("SIP").
- 6) Will this proposed rule replace an emergency rule currently in effect? Yes X No
- 7) Does this rulemaking contain an automatic repeal date?

Yes X No
If "yes," please specify date: _____
- 8) Does this proposed rule (amendment, repealer) contain incorporations by reference? No
- 9) Are there any other proposed amendments pending on this Part?

No

<u>Section Numbers</u>	<u>Proposed Action</u>	<u>Illinois Register Citation</u>
------------------------	------------------------	-----------------------------------
- 10) Statement of Policy Objectives:

These proposed rules and amendments do not create or enlarge a state mandate as defined in Section 3(b) of the State Mandate Act (30 ILCS 805/3(b)).
- 11) Time, Place, and Manner in which interested persons may

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POLLUTION CONTROL BOARD

NOTICE OF PROPOSED RULES

212.322	Amended
212.323	Amended
212.324	Amended
212.361	Amended
212.362	Amended
212.381	Amended
212.421	Amended
212.422	Amended
212.423	Amended
212.424	Amended
212.425	Amended
212.441	Amended
212.443	Amended
212.444	Amended
212.445	Amended
212.446	Amended
212.448	Amended
212.449	Amended
212.452	Amended
212.455	Amended
212.456	Amended
212.457	Amended
212.458	Amended
212.461	Amended
212.462	Amended
212.463	Amended
212.464	Amended
212.681	Amended
212.Illustration A	Repealed
212.Illustration B	Repealed
212.Illustration C	Repealed

4) Statutory Authority:

415 ILCS 5/27 and 28.5

5) A Complete Description of the Subjects and Issues Involved:

The proposed revisions to 35 Ill. Adm. Code 212 address issues raised by USEPA's conditional approval of Illinois's PM-10 state implementation plan ("SIP"), , updates existing language consistent with the Illinois' Clean Air Act Permit Program, and and a general clean-up of the rules.

6) Will this proposed rule replace an emergency rule currently in effect? Yes X No

7) Does this rulemaking contain an automatic repeal date?

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POLLUTION CONTROL BOARD

NOTICE OF PROPOSED RULES

 Yes X No
If "yes," please specify date: _____

8) Does this proposed rule (amendment, repealer) contain incorporations by reference?

9) Are there any other proposed amendments pending on this Part?
No
Section Numbers Proposed Action Illinois Register Citation

10) Statement of Policy Objectives:

These proposed rules and amendments do not create or enlarge a state mandate as defined in Section 3(b) of the State Mandate Act (30 ILCS 805/3(b)).

11) Time, Place, and Manner in which interested person may comment on this proposed rulemaking:

Send written comments concerning R96-_____ within 45 days of publication in the Illinois Register to:

Dorothy Gunn
Clerk of the Pollution Control Board
100 West Randolph Street
Suite 11-500
Chicago, Illinois 60601

and

Rachel Doctors
Assistant Counsel
Illinois Environmental Protection Agency
Bureau of Air
P.O. Box 19276
Springfield, IL 62794-9276

12) Initial Regulatory Flexibility Analysis:

This proposal addresses USEPA's conditional approval of Illinois' PM-10 SIP and generally updates the format and language contained in 35 Ill. Adm. Part 212.

A) Date rule was submitted to the Business Assistance Office of the Department of Commerce and Community Affairs:

B) Types of small businesses affected: N\A

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POLLUTION CONTROL BOARD

NOTICE OF PROPOSED RULES

- C) Reporting, bookkeeping or other procedures required for compliance: N/A
- D) Types of professional skills necessary for compliance: N/A

The full text of the Proposed Rule(s) begins on the next page:

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POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION

SUBTITLE B: AIR POLLUTION

CHAPTER I: POLLUTION CONTROL BOARD

SUBCHAPTER c: EMISSION STANDARDS AND
LIMITATIONS FOR STATIONARY SOURCES

PART 211

DEFINITIONS AND GENERAL PROVISIONS

SUBPART A: GENERAL PROVISIONS

Section	
211.101	Incorporations by Reference
211.102	Abbreviations and Conversion Factors

SUBPART B: DEFINITIONS

Section	
211.121	Other Definitions
211.122	Definitions (Repealed)
211.130	Accelacota
211.150	Accumulator
211.170	Acid Gases
211.210	Actual Heat Input
211.230	Adhesive
211.240	Adhesion Promoter
211.250	Aeration
211.270	Aerosol Can Filling Line
211.290	Afterburner
211.310	Air Contaminant
211.330	Air Dried Coatings
211.350	Air Oxidation Process
211.370	Air Pollutant
211.390	Air Pollution
211.410	Air Pollution Control Equipment
211.430	Air Suspension Coater/Dryer
211.450	Airless Spray
211.470	Air Assisted Airless Spray
211.474	Alcohol
<u>211.484</u>	<u>Animal</u>
<u>211.485</u>	<u>Animal Pathological Waste</u>
211.490	Annual Grain Through-Put
211.495	Anti-Glare/Safety Coating
211.510	Application Area
211.530	Architectural Coating

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NOTICE OF PROPOSED AMENDMENTS

211.550	As Applied
211.560	As-Applied Fountain Solution
211.570	Asphalt
211.590	Asphalt Prime Coat
211.610	Automobile
211.630	Automobile or Light-Duty Truck Assembly Source or Automobile or Light-Duty Truck Manufacturing Plant
211.650	Automobile or Light-Duty Truck Refinishing
211.660	Automotive/Transportation Plastic Parts
211.670	Baked Coatings
211.680	Bakery Oven
211.685	Basecoat/Clearcoat System
211.690	Batch Loading
211.695	Batch Operation
211.696	Batch Process Train
211.710	Bead-Dipping
211.730	Binders
211.750	British Thermal Unit
211.770	Brush or Wipe Coating
211.790	Bulk Gasoline Plant
211.810	Bulk Gasoline Terminal
211.820	Business Machine Plastic Parts
211.830	Can
211.850	Can Coating
211.870	Can Coating Line
211.890	Capture
211.910	Capture Device
211.930	Capture Efficiency
211.950	Capture System
211.970	Certified Investigation
211.980	Chemical Manufacturing Process Unit
211.990	Choke Loading
211.1010	Clean Air Act
211.1050	Cleaning and Separating Operation
211.1070	Cleaning Materials
211.1090	Clear Coating
211.1110	Clear Topcoat
211.1130	Closed Purged System
211.1150	Closed Vent System
211.1170	Coal Refuse
211.1190	Coating
211.1210	Coating Applicator
211.1230	Coating Line
211.1250	Coating Plant
211.1270	Coil Coating
211.1290	Coil Coating Line
211.1310	Cold Cleaning
211.1330	Complete Combustion

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POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

211.1350 Component
211.1370 Concrete Curing Compounds
211.1390 Concentrated Nitric Acid Manufacturing Process
211.1410 Condensate
211.1430 Condensible PM-10
211.1465 Continuous Automatic Stoking
211.1470 Continuous Process
211.1490 Control Device
211.1510 Control Device Efficiency
211.1530 Conventional Soybean Crushing Source
211.1550 Conveyorized Degreasing
211.1570 Crude Oil
211.1590 Crude Oil Gathering
211.1610 Crushing
211.1630 Custody Transfer
211.1650 Cutback Asphalt
211.1670 Daily-Weighted Average VOM Content
211.1690 Day
211.1710 Degreaser
211.1730 Delivery Vessel
211.1750 Dip Coating
211.1770 Distillate Fuel Oil
211.1780 Distillation Unit
211.1790 Drum
211.1810 Dry Cleaning Operation or Dry Cleaning Facility
211.1830 Dump-Pit Area
211.1850 Effective Grate Area
211.1870 Effluent Water Separator
211.1875 Elastomeric Materials
211.1880 Electromagnetic Interference/Radio Frequency (EMI/RFI)
Shielding Coatings
211.1890 Electrostatic Bell or Disc Spray
211.1900 Electrostatic Prep Coat
211.1910 Electrostatic Spray
211.1920 Emergency or Standby Unit
211.1930 Emission Rate
211.1950 Emission Unit
211.1970 Enamel
211.1990 Enclose
211.2010 End Sealing Compound Coat
211.2030 Enhanced Under-the-Cup Fill
211.2050 Ethanol Blend Gasoline
211.2070 Excess Air
211.2090 Excessive Release
211.2110 Existing Grain-Drying Operation (Repealed)
211.2130 Existing Grain-Handling Operation (Repealed)
211.2150 Exterior Base Coat
211.2170 Exterior End Coat

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POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

211.2190 External Floating Roof
211.2210 Extreme Performance Coating
211.2230 Fabric Coating
211.2250 Fabric Coating Line
211.2270 Federally Enforceable Limitations and Conditions
211.2290 Fermentation
211.2300 Fill
211.2310 Final Repair Coat
211.2330 Firebox
211.2350 Fixed-Roof Tank
211.2360 Flexible Coating
211.2365 Flexible Operation Unit
211.2370 Flexographic Printing
211.2390 Flexographic Printing Line
211.2410 Floating Roof
211.2430 Fountain Solution
211.2450 Freeboard Height
211.2470 Fuel Combustion Emission Unit or Fuel Combustion
Emission Source
211.2490 Fugitive Particulate Matter
211.2510 Full Operating Flowrate
211.2530 Gas Service
211.2550 Gas/Gas Method
211.2570 Gasoline
211.2590 Gasoline Dispensing Operation or Gasoline Dispensing
Facility
211.2610 Gel Coat
211.2630 Gloss Reducers
211.2650 Grain
211.2670 Grain-Drying Operation
211.2690 Grain-Handling and Conditioning Operation
211.2710 Grain-Handling Operation
211.2730 Green-Tire Spraying
211.2750 Green Tires
211.2770 Gross Heating Value
211.2790 Gross Vehicle Weight Rating
211.2810 Heated Airless Spray
211.2830 Heatset
211.2850 Heatset Web Offset Lithographic Printing Line
211.2870 Heavy Liquid
211.2890 Heavy Metals
211.2910 Heavy Off-Highway Vehicle Products
211.2930 Heavy Off-Highway Vehicle Products Coating
211.2950 Heavy Off-Highway Vehicle Products Coating Line
211.2970 High Temperature Aluminum Coating
211.2990 High Volume Low Pressure (HVL) Spray
211.3010 Hood
211.3030 Hot Well

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NOTICE OF PROPOSED AMENDMENTS

211.3050 Housekeeping Practices
211.3070 Incinerator
211.3090 Indirect Heat Transfer
211.3110 Ink
211.3130 In-Process Tank
211.3150 In-Situ Sampling Systems
211.3170 Interior Body Spray Coat
211.3190 Internal-Floating Roof
211.3210 Internal Transferring Area
211.3230 Lacquers
211.3250 Large Appliance
211.3270 Large Appliance Coating
211.3290 Large Appliance Coating Line
211.3310 Light Liquid
211.3330 Light-Duty Truck
211.3350 Light Oil
211.3370 Liquid/Gas Method
211.3390 Liquid-Mounted Seal
211.3410 Liquid Service
211.3430 Liquids Dripping
211.3450 Lithographic Printing Line
211.3470 Load-Out Area
211.3480 Loading Event
211.3490 Low Solvent Coating
211.3500 Lubricating Oil
211.3510 Magnet Wire
211.3530 Magnet Wire Coating
211.3550 Magnet Wire Coating Line
211.3570 Major Dump Pit
211.3590 Major Metropolitan Area (MMA)
211.3610 Major Population Area (MPA)
211.3620 Manually Operated Equipment
211.3630 Manufacturing Process
211.3650 Marine Terminal
211.3660 Marine Vessel
211.3670 Material Recovery Section
211.3690 Maximum Theoretical Emissions
211.3695 Maximum True Vapor Pressure
211.3710 Metal Furniture
211.3730 Metal Furniture Coating
211.3750 Metal Furniture Coating Line
211.3770 Metallic Shoe-Type Seal
211.3790 Miscellaneous Fabricated Product Manufacturing Process
211.3810 Miscellaneous Formulation Manufacturing Process
211.3830 Miscellaneous Metal Parts and Products
211.3850 Miscellaneous Metal Parts and Products Coating
211.3870 Miscellaneous Metal Parts or Products Coating Line
211.3890 Miscellaneous Organic Chemical Manufacturing Process

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211.3910 Mixing Operation
211.3915 Mobile Equipment
211.3930 Monitor
211.3950 Monomer
211.3960 Motor Vehicles
211.3965 Motor Vehicle Refinishing
211.3970 Multiple Package Coating
211.3990 New Grain-Drying Operation (Repealed)
211.4010 New Grain-Handling Operation (Repealed)
211.4030 No Detectable Volatile Organic Material Emissions
211.4050 Non-Contact Process Water Cooling Tower
211.4055 Non-Flexible Coating
211.4065 Non-Heatset
211.4070 Offset
211.4090 One Hundred Percent Acid
211.4110 One-Turn Storage Space
211.4130 Opacity
211.4150 Opaque Stains
211.4170 Open Top Vapor Degreasing
211.4190 Open-Ended Valve
211.4210 Operator of a Gasoline Dispensing Operation or Operator
of a Gasoline Dispensing Facility
211.4230 Organic Compound
211.4250 Organic Material and Organic Materials
211.4260 Organic Solvent
211.4270 Organic Vapor
211.4290 Oven
211.4310 Overall Control
211.4330 Overvarnish
211.4350 Owner of a Gasoline Dispensing Operation or Owner of a
Gasoline Dispensing Facility
211.4370 Owner or Operator
211.4390 Packaging Rotogravure Printing
211.4410 Packaging Rotogravure Printing Line
211.4430 Pail
211.4450 Paint Manufacturing Source or Paint Manufacturing Plant
211.4470 Paper Coating
211.4490 Paper Coating Line
211.4510 Particulate Matter
211.4530 Parts Per Million (Volume) or PPM (Vol)
211.4550 Person
211.4590 Petroleum
211.4610 Petroleum Liquid
211.4630 Petroleum Refinery
211.4650 Pharmaceutical
211.4670 Pharmaceutical Coating Operation
211.4690 Photochemically Reactive Material
211.4710 Pigmented Coatings

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211.4730 Plant
211.4740 Plastic Part
211.4750 Plasticizers
211.4770 PM-10
211.4790 Pneumatic Rubber Tire Manufacture
211.4810 Polybasic Organic Acid Partial Oxidation Manufacturing
Process
211.4830 Polyester Resin Material(s)
211.4850 Polyester Resin Products Manufacturing Process
211.4870 Polystyrene Plant
211.4890 Polystyrene Resin
211.4910 Portable Grain-Handling Equipment
211.4930 Portland Cement Manufacturing Process Emission Source
211.4950 Portland Cement Process or Portland Cement
Manufacturing Plant
211.4970 Potential to Emit
211.4990 Power Driven Fastener Coating
211.5010 Precoat
211.5030 Pressure Release
211.5050 Pressure Tank
211.5060 Pressure/Vacuum Relief Valve
211.5061 Pretreatment Wash Primer
211.5065 Primary Product
211.5070 Prime Coat
211.5080 Primer Sealer
211.5090 Primer Surfacer Coat
211.5110 Primer Surfacer Operation
211.5130 Primers
211.5150 Printing
211.5170 Printing Line
211.5185 Process Emission Source
211.5190 Process Emission Unit
211.5210 Process Unit
211.5230 Process Unit Shutdown
211.5245 Process Vent
211.5250 Process Weight Rate
211.5270 Production Equipment Exhaust System
211.5310 Publication Rotogravure Printing Line
211.5330 Purged Process Fluid
211.5340 Rated Heat Input Capacity
211.5350 Reactor
211.5370 Reasonably Available Control Technology (RACT)
211.5390 Reclamation System
211.5410 Refiner
211.5430 Refinery Fuel Gas
211.5450 Refinery Fuel Gas System
211.5470 Refinery Unit or Refinery Process Unit
211.5480 Reflective Argent Coating

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211.5490 Refrigerated Condenser
211.5500 Regulated Air Pollutant
211.5510 Reid Vapor Pressure
211.5530 Repair
211.5550 Repair Coat
211.5570 Repaired
211.5590 Residual Fuel Oil
211.5600 Resist Coat
211.5610 Restricted Area
211.5630 Retail Outlet
211.5650 Ringelmann Chart
211.5670 Roadway
211.5690 Roll Coater
211.5710 Roll Coating
211.5730 Roll Printer
211.5750 Roll Printing
211.5770 Rotogravure Printing
211.5790 Rotogravure Printing Line
211.5810 Safety Relief Valve
211.5830 Sandblasting
211.5850 Sanding Sealers
211.5870 Screening
211.5890 Sealer
211.5910 Semi-Transparent Stains
211.5930 Sensor
211.5950 Set of Safety Relief Valves
211.5970 Sheet Basecoat
211.5980 Sheet-Fed
211.5990 Shotblasting
211.6010 Side-Seam Spray Coat
211.6025 Single Unit Operation
211.6030 Smoke
211.6050 Smokeless Flare
211.6060 Soft Coat
211.6070 Solvent
211.6090 Solvent Cleaning
211.6110 Solvent Recovery System
211.6130 Source
211.6140 Specialty Coatings
211.6145 Specialty Coatings for Motor Vehicles
211.6150 Specialty High Gloss Catalyzed Coating
211.6170 Specialty Leather
211.6190 Specialty Soybean Crushing Source
211.6210 Splash Loading
211.6230 Stack
211.6250 Stain Coating
211.6270 Standard Conditions
211.6290 Standard Cubic Foot (scf)

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211.6310 Start-Up
211.6330 Stationary Emission Source
211.6350 Stationary Emission Unit
211.6355 Stationary Gas Turbine
211.6360 Stationary Reciprocating Internal Combustion Engine
211.6370 Stationary Source
211.6390 Stationary Storage Tank
211.6400 Stencil Coat
211.6410 Storage Tank or Storage Vessel
211.6430 Styrene Devolatilizer Unit
211.6450 Styrene Recovery Unit
211.6470 Submerged Loading Pipe
211.6490 Substrate
211.6510 Sulfuric Acid Mist
211.6530 Surface Condenser
211.6540 Surface Preparation Materials
211.6550 Synthetic Organic Chemical or Polymer Manufacturing Plant
211.6570 Tablet Coating Operation
211.6580 Texture Coat
211.6590 Thirty-Day Rolling Average
211.6610 Three-Piece Can
211.6620 Three or Four Stage Coating System
211.6630 Through-the-Valve Fill
211.6650 Tooling Resin
211.6670 Topcoat
211.6690 Topcoat Operation
211.6695 Topcoat System
211.6710 Touch-Up
211.6720 Touch-Up Coating
211.6730 Transfer Efficiency
211.6750 Tread End Cementing
211.6770 True Vapor Pressure
211.6790 Turnaround
211.6810 Two-Piece Can
211.6830 Under-the-Cup Fill
211.6850 Undertread Cementing
211.6860 Uniform Finish Blender
211.6870 Unregulated Safety Relief Valve
211.6880 Vacuum Metallizing
211.6890 Vacuum Producing System
211.6910 Vacuum Service
211.6930 Valves Not Externally Regulated
211.6950 Vapor Balance System
211.6970 Vapor Collection System
211.6990 Vapor Control System
211.7010 Vapor-Mounted Primary Seal
211.7030 Vapor Recovery System

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211.7050 Vapor-Suppressed Polyester Resin
211.7070 Vinyl Coating
211.7090 Vinyl Coating Line
211.7110 Volatile Organic Liquid (VOL)
211.7130 Volatile Organic Material Content (VOMC)
211.7150 Volatile Organic Material (VOM) or Volatile Organic
Compound (VOC)
211.7170 Volatile Petroleum Liquid
211.7190 Wash Coat
211.7210 Wastewater (Oil/Water) Separator
211.7230 Weak Nitric Acid Manufacturing Process
211.7250 Web
211.7270 Wholesale Purchase - Consumer
211.7290 Wood Furniture
211.7310 Wood Furniture Coating
211.7330 Wood Furniture Coating Line
211.7350 Woodworking
211.7400 Yeast Percentage

APPENDIX A Rule into Section Table

APPENDIX B Section into Rule Table

AUTHORITY: Implementing Sections 9, 9.1 and 10 and authorized by Sections 27 and 28.5 of the Environmental Protection Act [415 ILCS 5/9, 9.1, 10, 27 and 28.5].

SOURCE: Adopted as Chapter 2: Air Pollution, Rule 201: Definitions, R71-23, 4 PCB 191, filed and effective April 14, 1972; amended in R74-2 and R75-5, 32 PCB 295, at 3 Ill. Reg. 5, p. 777, effective February 3, 1979; amended in R78-3 and 4, 35 PCB 75 and 243, at 3 Ill. Reg. 30, p. 124, effective July 28, 1979; amended in R80-5, at 7 Ill. Reg. 1244, effective January 21, 1983; codified at 7 Ill. Reg. 13590; amended in R82-1 (Docket A) at 10 Ill. Reg. 12624, effective July 7, 1986; amended in R85-21(A) at 11 Ill. Reg. 11747, effective June 29, 1987; amended in R86-34 at 11 Ill. Reg. 12267, effective July 10, 1987; amended in R86-39 at 11 Ill. Reg. 20804, effective December 14, 1987; amended in R82-14 and R86-37 at 12 Ill. Reg. 787, effective December 24, 1987; amended in R86-18 at 12 Ill. Reg. 7284, effective April 8, 1988; amended in R86-10 at 12 Ill. Reg. 7621, effective April 11, 1988; amended in R88-23 at 13 Ill. Reg. 10862, effective June 27, 1989; amended in R89-8 at 13 Ill. Reg. 17457, effective January 1, 1990; amended in R89-16(A) at 14 Ill. Reg. 9141, effective May 23, 1990; amended in R88-30(B) at 15 Ill. Reg. 5223, effective March 28, 1991; amended in R88-14 at 15 Ill. Reg. 7901, effective May 14, 1991; amended in R91-10 at 15 Ill. Reg. 15564, effective October 11, 1991; amended in R91-6 at 15 Ill. Reg. 15673, effective October 14, 1991; amended in R91-22

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at 16 Ill. Reg. 7656, effective May 1, 1992; amended in R91-24 at 16 Ill. Reg. 13526, effective August 24, 1992; amended in R93-9 at 17 Ill. Reg. 16504, effective September 27, 1993; amended in R93-11 at 17 Ill. Reg. 21471, effective December 7, 1993; amended in R93-14 at 18 Ill. Reg. 1253, effective January 18, 1994; amended in R94-12 at 18 Ill. Reg. 14962, effective September 21, 1994; amended in R94-14 at 18 Ill. Reg. 15744, effective October 17, 1994; amended in R94-15 at 18 Ill. Reg. 16379, effective October 25, 1994; amended in R94-16 at 18 Ill. Reg. 16929, effective November 15, 1994; amended in R94-21, 94-31 and R94-32 at 19 Ill. Reg. 6823, effective May 9, 1995; amended in R94-33 at 19 Ill. Reg. 7344, effective May 22, 1995; amended in R95-2 at 19 Ill. Reg. 11066, effective July 12, 1995; amended in R95-____ at ____ Ill. Reg. _____, _____.

BOARD NOTE: This Part implements the Illinois Environmental Protection Act as of July 1, 1994.

SUBPART A: GENERAL PROVISIONS

Section 211.101 Incorporations by Reference

The following materials are incorporated by reference. These incorporations do not include any later amendments or editions.

- a) "Evaporation Loss from Floating Roof Tanks," American Petroleum Institute Bulletin 2517, 1962
- ~~b) Ringelmann Chart, Information Circular 833 (Revision of 1C7718), Bureau of Mines, U.S. Department of Interior, May 1, 1967~~
- eb) Standard Industrial Classification Manual, Superintendent of Documents, Washington, D.C. 20402, 1972
- dc) American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103

A.S.T.M. D-86
A.S.T.M. D-240-64
A.S.T.M. D-323
A.S.T.M. D-369-69 (1971)
A.S.T.M. D-396-69
A.S.T.M. D-900-55
A.S.T.M. D-975-68
A.S.T.M. D-1826-64
A.S.T.M. D-2015-66

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A.S.T.M. D-2880-71

ed) 40 CFR 51.100 (1987)

(Amended at _____ Ill. Reg. _____, effective _____)

SUBPART B: DEFINITIONS

Section 211.484 Animal

"Animal" means any organism other than a human being of the kingdom, Animal, distinguished from plants by certain typical characteristics such as the power of locomotion, fixed structure and limited growth, and non-photosynthetic metabolism.

(Added at _____ Ill. Reg. _____, effective _____)

Section 211.485 Animal Pathological Waste

"Animal pathological waste" means waste composed of whole or parts of animal carcasses and also noncarcass materials such as plastic, paper wrapping and animal collars. Noncarcass materials shall not exceed ten percent by weight of the total weight of the carcass and noncarcass materials combined.

(Added at _____ Ill. Reg. _____, effective _____)

Section 211.1465 Continuous Automatic Stoking

"Continuous automatic stoking" means the automatic moving of animal pathological waste during burning, by moving the hearth in a pulse cycle manner, which process is designed to provide a continuous burning rate in which the design charging rate per hour equals the burning rate every hour without limitation, and results in emission rates which are similar over any hour of the burning process.

(Added at _____ Ill. Reg. _____, effective _____)

Section 211.2110 Existing Grain-Drying Operation (Repealed)

"Existing grain-drying operation" means any grain-drying operation the construction or modification of which was commenced prior to June 30, 1975.

(Repealed at _____ Ill. Reg. _____, effective _____)

Section 211.2130 Existing Grain-Handling Operation (Repealed)

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"Existing grain-handling operation" means any grain-handling operation the construction or modification of which was commenced prior to June 30, 1975.

(Repealed at _____ Ill. Reg. _____, effective _____)

Section 211.3990 New Grain-Drying Operation (Repealed)

"New grain-drying operation" means any grain-drying operation the construction or modification of which commenced on or after June 30, 1975.

(Repealed at _____ Ill. Reg. _____, effective _____)

Section 211.4010 New Grain-Handling Operation (Repealed)

"New grain-handling operation" means any grain-handling operation the construction or modification of which commenced on or after June 30, 1975.

(Repealed at _____ Ill. Reg. _____, effective _____)

Section 211.4130 Opacity

"Opacity" means

- a) ~~For purposes of Part 212, a condition which renders material partially or wholly impervious to transmittance of light and causes obstruction of an observer's view. For the purposes of these regulations, the following equivalence between opacity and Ringelmann shall be employed:~~

~~Opacity Percent Ringelmann~~

10	0.5
20	1.
30	1.5
40	2.
60	3.
80	4.
100	5.

- b) That fraction of light, expressed in percent, which when transmitted from a source through a smoke-obscured path, is prevented from reaching the observer or instrument receiver.

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(Amended at _____ Ill. Reg. _____, effective _____)

- 1) Heading of the Part: Visible and Particulate Matter
 Emissions

- 2) Code Citation: 35 Ill. Adm. Code 212

- 3) Section Numbers: Proposed Action:

212.100	Amended
212.107	Amended
212.108	Amended
212.109	Amended
212.110	Amended
212.111	Amended
212.113	Amended
212.121	Repealed
212.122	Amended
212.123	Amended
212.124	Amended
212.125	Amended
212.126	Amended
212.181	Amended
212.182	Amended
212.183	Amended
212.184	Amended
212.185	Amended
212.201	Amended
212.202	Amended
212.203	Amended
212.204	Amended
212.205	Amended
212.206	Amended
212.207	Amended
212.208	Amended
212.209	Repealed
212.210	Amended
212.301	Amended
212.302	Amended
212.304	Amended
212.305	Amended
212.306	Amended
212.309	Amended
212.310	Amended
212.313	Amended
212.314	Amended
212.315	Repealed
212.316	Amended
212.321	Amended

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212.322	Amended
212.323	Amended
212.324	Amended
212.361	Amended
212.362	Amended
212.381	Amended
212.421	Amended
212.422	Amended
212.423	Amended
212.424	Amended
212.425	Amended
212.441	Amended
212.443	Amended
212.444	Amended
212.445	Amended
212.446	Amended
212.448	Amended
212.449	Amended
212.452	Amended
212.455	Amended
212.456	Amended
212.457	Amended
212.458	Amended
212.461	Amended
212.462	Amended
212.463	Amended
212.464	Amended
212.681	Amended
212.Illustration A	Repealed
212.Illustration B	Repealed
212.Illustration C	Repealed

4) Statutory Authority:

415 ILCS 5/27 and 28.5

5) A Complete Description of the Subjects and Issues Involved:

The proposed revisions to 35 Ill. Adm. Code 212 address issues raised by USEPA's conditional approval of Illinois's PM-10 state implementation plan ("SIP"), , updates existing language consistent with the Illinois' Clean Air Act Permit Program, and and a general clean-up of the rules.

6) Will this proposed rule replace an emergency rule currently in effect? Yes ☒ X No

7) Does this rulemaking contain an automatic repeal date?

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Yes X No

If "yes," please specify date: _____

- 8) Does this proposed rule (amendment, repealer) contain incorporations by reference?
- 9) Are there any other proposed amendments pending on this Part?
No
Section Numbers Proposed Action Illinois Register Citation

- 10) Statement of Policy Objectives:

These proposed rules and amendments do not create or enlarge a state mandate as defined in Section 3(b) of the State Mandate Act (30 ILCS 805/3(b)).

- 11) Time, Place, and Manner in which interested person may comment on this proposed rulemaking:

Send written comments concerning R96-_____ within 45 days of publication in the Illinois Register to:

Dorothy Gunn
Clerk of the Pollution Control Board
100 West Randolph Street
Suite 11-500
Chicago, Illinois 60601

and

Rachel Doctors
Assistant Counsel
Illinois Environmental Protection Agency
Bureau of Air
P.O. Box 19276
Springfield, IL 62794-9276

- 12) Initial Regulatory Flexibility Analysis:

This proposal addresses USEPA's conditional approval of Illinois' PM-10 SIP and generally updates the format and language contained in 35 Ill. Adm. Part 212.

- A) Date rule was submitted to the Business Assistance Office of the Department of Commerce and Community Affairs:
- B) Types of small businesses affected: N/A

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- C) Reporting, bookkeeping or other procedures required for compliance: N/A
- D) Types of professional skills necessary for compliance:
N/A

The full text of the Proposed Rule(s) begins on the next page: